

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☒ original
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

METHOD FOR INCREASING CAPACITANCE IN STACKED AND TRENCH CAPACITORS

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on @, under Serial No. (unknown), executed on even date herewith; or
☐ Express Mail No. @(as Serial No. not yet known)
and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☒ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

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☐ Such applications have been filed as follows:

A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:

Application No:

Filing date:

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Figure 1 consists of 12 bar charts, labeled (a) through (l), arranged in a 6x2 grid. Each chart shows the percentage of total protein in various fractions (A, B, C, D, E, F, G, H, I, J, K, L) for different treatments (Control, 100 mg/kg, 200 mg/kg, 400 mg/kg, 800 mg/kg, 1600 mg/kg, 3200 mg/kg, 6400 mg/kg, 12800 mg/kg, 25600 mg/kg, 51200 mg/kg, 102400 mg/kg). The y-axis for all charts is 'Percentage of total protein' ranging from 0 to 100. The x-axis for all charts is 'Treatments'.

- (a) Fraction A: Control (100%), 100 mg/kg (100%), 200 mg/kg (100%), 400 mg/kg (100%), 800 mg/kg (100%), 1600 mg/kg (100%), 3200 mg/kg (100%), 6400 mg/kg (100%), 12800 mg/kg (100%), 25600 mg/kg (100%), 51200 mg/kg (100%), 102400 mg/kg (100%).
- (b) Fraction B: Control (0%), 100 mg/kg (0%), 200 mg/kg (0%), 400 mg/kg (0%), 800 mg/kg (0%), 1600 mg/kg (0%), 3200 mg/kg (0%), 6400 mg/kg (0%), 12800 mg/kg (0%), 25600 mg/kg (0%), 51200 mg/kg (0%), 102400 mg/kg (0%).
- (c) Fraction C: Control (0%), 100 mg/kg (0%), 200 mg/kg (0%), 400 mg/kg (0%), 800 mg/kg (0%), 1600 mg/kg (0%), 3200 mg/kg (0%), 6400 mg/kg (0%), 12800 mg/kg (0%), 25600 mg/kg (0%), 51200 mg/kg (0%), 102400 mg/kg (0%).
- (d) Fraction D: Control (0%), 100 mg/kg (0%), 200 mg/kg (0%), 400 mg/kg (0%), 800 mg/kg (0%), 1600 mg/kg (0%), 3200 mg/kg (0%), 6400 mg/kg (0%), 12800 mg/kg (0%), 25600 mg/kg (0%), 51200 mg/kg (0%), 102400 mg/kg (0%).
- (e) Fraction E: Control (0%), 100 mg/kg (0%), 200 mg/kg (0%), 400 mg/kg (0%), 800 mg/kg (0%), 1600 mg/kg (0%), 3200 mg/kg (0%), 6400 mg/kg (0%), 12800 mg/kg (0%), 25600 mg/kg (0%), 51200 mg/kg (0%), 102400 mg/kg (0%).
- (f) Fraction F: Control (0%), 100 mg/kg (0%), 200 mg/kg (0%), 400 mg/kg (0%), 800 mg/kg (0%), 1600 mg/kg (0%), 3200 mg/kg (0%), 6400 mg/kg (0%), 12800 mg/kg (0%), 25600 mg/kg (0%), 51200 mg/kg (0%), 102400 mg/kg (0%).
- (g) Fraction G: Control (0%), 100 mg/kg (0%), 200 mg/kg (0%), 400 mg/kg (0%), 800 mg/kg (0%), 1600 mg/kg (0%), 3200 mg/kg (0%), 6400 mg/kg (0%), 12800 mg/kg (0%), 25600 mg/kg (0%), 51200 mg/kg (0%), 102400 mg/kg (0%).
- (h) Fraction H: Control (0%), 100 mg/kg (0%), 200 mg/kg (0%), 400 mg/kg (0%), 800 mg/kg (0%), 1600 mg/kg (0%), 3200 mg/kg (0%), 6400 mg/kg (0%), 12800 mg/kg (0%), 25600 mg/kg (0%), 51200 mg/kg (0%), 102400 mg/kg (0%).
- (i) Fraction I: Control (0%), 100 mg/kg (0%), 200 mg/kg (0%), 400 mg/kg (0%), 800 mg/kg (0%), 1600 mg/kg (0%), 3200 mg/kg (0%), 6400 mg/kg (0%), 12800 mg/kg (0%), 25600 mg/kg (0%), 51200 mg/kg (0%), 102400 mg/kg (0%).
- (j) Fraction J: Control (0%), 100 mg/kg (0%), 200 mg/kg (0%), 400 mg/kg (0%), 800 mg/kg (0%), 1600 mg/kg (0%), 3200 mg/kg (0%), 6400 mg/kg (0%), 12800 mg/kg (0%), 25600 mg/kg (0%), 51200 mg/kg (0%), 102400 mg/kg (0%).
- (k) Fraction K: Control (0%), 100 mg/kg (0%), 200 mg/kg (0%), 400 mg/kg (0%), 800 mg/kg (0%), 1600 mg/kg (0%), 3200 mg/kg (0%), 6400 mg/kg (0%), 12800 mg/kg (0%), 25600 mg/kg (0%), 51200 mg/kg (0%), 102400 mg/kg (0%).
- (l) Fraction L: Control (0%), 100 mg/kg (0%), 200 mg/kg (0%), 400 mg/kg (0%), 800 mg/kg (0%), 1600 mg/kg (0%), 3200 mg/kg (0%), 6400 mg/kg (0%), 12800 mg/kg (0%), 25600 mg/kg (0%), 51200 mg/kg (0%), 102400 mg/kg (0%).

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
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P. O. Box 450A
Santa Clara, CA 95052.

Direct telephone calls to:

Joseph Bach
Phone 408-584-3155

Parameter	Unit	Value	Standard Error	t-value	p-value
Intercept		1.000	0.000	1.000	0.000
Age	Year	0.000	0.000	0.000	0.000
Gender		0.000	0.000	0.000	0.000
Marital Status		0.000	0.000	0.000	0.000
Education	Year	0.000	0.000	0.000	0.000
Income	Year	0.000	0.000	0.000	0.000
Health		0.000	0.000	0.000	0.000
Religion		0.000	0.000	0.000	0.000
Occupation		0.000	0.000	0.000	0.000
Region		0.000	0.000	0.000	0.000
Time	Year	0.000	0.000	0.000	0.000
Time Squared	Year	0.000	0.000	0.000	0.000
Time Cubed	Year	0.000	0.000	0.000	0.000
Time Quart	Year	0.000	0.000	0.000	0.000
Time Quint	Year	0.000	0.000	0.000	0.000
Time Sext	Year	0.000	0.000	0.000	0.000
Time Sept	Year	0.000	0.000	0.000	0.000
Time Oct	Year	0.000	0.000	0.000	0.000
Time Eleventh	Year	0.000	0.000	0.000	0.000
Time Twelfth	Year	0.000	0.000	0.000	0.000
Time Thirteenth	Year	0.000	0.000	0.000	0.000
Time Fourteenth	Year	0.000	0.000	0.000	0.000
Time Fifteenth	Year	0.000	0.000	0.000	0.000
Time Sixteenth	Year	0.000	0.000	0.000	0.000
Time Seventeenth	Year	0.000	0.000	0.000	0.000
Time Eighteenth	Year	0.000	0.000	0.000	0.000
Time Nineteenth	Year	0.000	0.000	0.000	0.000
Time Twentieth	Year	0.000	0.000	0.000	0.000
Time Twenty-first	Year	0.000	0.000	0.000	0.000
Time Twenty-second	Year	0.000	0.000	0.000	0.000
Time Twenty-third	Year	0.000	0.000	0.000	0.000
Time Twenty-fourth	Year	0.000	0.000	0.000	0.000
Time Twenty-fifth	Year	0.000	0.000	0.000	0.000
Time Twenty-sixth	Year	0.000	0.000	0.000	0.000
Time Twenty-seventh	Year	0.000	0.000	0.000	0.000
Time Twenty-eighth	Year	0.000	0.000	0.000	0.000
Time Twenty-ninth	Year	0.000	0.000	0.000	0.000
Time Thirtieth	Year	0.000	0.000	0.000	0.000
Time Thirty-first	Year	0.000	0.000	0.000	0.000
Time Thirty-second	Year	0.000	0.000	0.000	0.000
Time Thirty-third	Year	0.000	0.000	0.000	0.000
Time Thirty-fourth	Year	0.000	0.000	0.000	0.000
Time Thirty-fifth	Year	0.000	0.000	0.000	0.000
Time Thirty-sixth	Year	0.000	0.000	0.000	0.000
Time Thirty-seventh	Year	0.000	0.000	0.000	0.000
Time Thirty-eighth	Year	0.000	0.000	0.000	0.000
Time Thirty-ninth	Year	0.000	0.000	0.000	0.000
Time Fortieth	Year	0.000	0.000	0.000	0.000
Time Forty-first	Year	0.000	0.000	0.000	0.000
Time Forty-second	Year	0.000	0.000	0.000	0.000
Time Forty-third	Year	0.000	0.000	0.000	0.000
Time Forty-fourth	Year	0.000	0.000	0.000	0.000
Time Forty-fifth	Year	0.000	0.000	0.000	0.000
Time Forty-sixth	Year	0.000	0.000	0.000	0.000
Time Forty-seventh	Year	0.000	0.000	0.000	0.000
Time Forty-eighth	Year	0.000	0.000	0.000	0.000
Time Forty-ninth	Year	0.000	0.000	0.000	0.000
Time Fiftieth	Year	0.000	0.000	0.000	0.000
Time Fifty-first	Year	0.000	0.000	0.000	0.000
Time Fifty-second	Year	0.000	0.000	0.000	0.000
Time Fifty-third	Year	0			

Full name of sole or first inventor: **Anisul Khan**

Full name of **second** inventor: **Ajay Kumar**

Full name of **third** inventor: **Sharma Pamorthy**

Full name of **fourth** inventor: **Sanjay Thekdi**

Inventor's signature: _____ Date: _____
 Residence: 1712 Loveland Ct., Santa Clara, CA 95050
 Post Office Address: Same Country of Citizenship: India

(Declaration ends with this page)

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Country/PCT	Application No	Date Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
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P. O. Box 450A
Santa Clara, CA 95052.

Direct telephone calls to:

Joseph Bach
Phone 408-584-3155

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of **sole or first** inventor: **Anisul Khan**

Inventor's signature: _____ Date: _____

Residence: 125 Connemara Way, #81, Sunnyvale, CA 94087

Post Office Address: Same

Country of Citizenship: Bangladesh

Full name of **second** inventor: **Ajay Kumar**

Inventor's signature: _____ Date: Sept. 13, 2001

Residence: 510 Kenilworth Court, Sunnyvale, CA 94087

Post Office Address: Same

Country of Citizenship: USA

Full name of **third** inventor: **Sharma Pamarthy**

Inventor's signature: _____ Date: _____

Residence: 22723 Spire St., Hayward, CA 94541

Post Office Address: Same

Country of Citizenship: India

Full name of **fourth** inventor: **Sanjay Thekdi**

Inventor's signature: _____ Date: _____

Residence: 1712 Loveland Ct., Santa Clara, CA 95050

Post Office Address: Same

Country of Citizenship: India

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Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☒ No such applications have been filed

☐ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
		<u>Patented Pending</u> <u>Abandoned</u>

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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(Declaration ends with this page)